IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Tod Paulus

Serial No. 10/675,601

Filed: September 29, 2003

For:

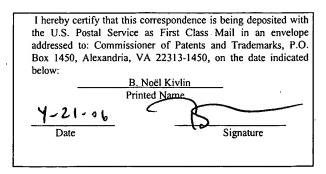
APPARATUS AND METHOD FOR

DIGITAL IMAGE CORRECTION

IN A RECEIVER

Group Art Unit: 2685 Examiner: Haroon, Adeel

Atty. Dkt. No.: 5797-00200



FEE AUTHORIZATION

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The Commissioner is hereby authorized to charge the following fee to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account Number 501505/5797-00200/BNK:

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Information Disclosure Statements

Amount:

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Attorney Docket No.:

5797-00200

The Commissioner is also authorized to charge any extension fee or other fees, which may be necessary to the same account number.

Respectfully submitted,

B. Noël Kivlin Reg. No. 33,929

Attorney for Applicants

Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. P.O. Box 398 Austin, Texas 78767-0398 Ph: (512) 853-8800

Date: 4-21-06

PATENT 579.7-00200



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/675,601

Filed: September 29, 2003

Inventors:
Tod Paulus

Title: APPARATUS AND
METHOD FOR DIGITAL
IMAGE CORRECTION IN
A RECEIVER

Examiner: Haroon, Adeel
Group/Art Unit: 2685
Atty. Dkt. No.: 5797-00200

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

B. Noël Kivlin
Printed Name

Y-21-96

Signature

Date

INFORMATION DISCLOSURE STATEMENT

\$\$\$\$\$\$\$\$\$\$\$\$\$

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

	ant requests consideration of \boxtimes the references listed on the attached Form PTO- the additional information identified below in paragraph 3.
	Pursuant to CFR §1.98(a)(2)(i), copies of the cited U.S. patents and/or U.S. patent application publications are not enclosed.
	A copy of each non-U.S. patent and/or non-U.S. patent application publication reference listed on the Form PTO-1449 is enclosed.
	The non-U.S. patent and/or non-U.S. patent application publication references listed on the Form PTO-1449 were previously cited in application serial no. to which the captioned application is seeking priority under 35 U.S.C. §120; therefore, a copy of each reference is not enclosed.
	U.S.C. 9120, therefore, a copy of each reference is not enclosed.
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180.00 DA

1.	1 1115 11	HOHHati	on Disclosure Statement is submitted.		
	a.		within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application; before the mailing date of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.		
	b.		after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: the certification of paragraph 2 below is provided, or a fee of \$180.00 is enclosed.		
	c.	\boxtimes	after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.		
2.	It is he	reby cer	tified:		
		was ci applica design	that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement;		
		was ci	ch item of information contained in this Information Disclosure Statement ited in a communication from a foreign patent office in a counterpart application not more than three (3) months prior to the filing of the tent; or		
		was ci foreign after n	ted in a communication from a foreign patent office in a counterpart application or, to the knowledge of the person signing the certification making reasonable inquiry, was known to any individual designated in § more than three (3) months prior to the filing of the Statement.		
3.			deration of the following additional information (including any co-pending addoned U.S. applications, prior uses and/or sales, etc.) is requested:		
4.	For eac	ch non-E	English language reference listed on the attached Form PTO-1449:		
		referen	ace is made to an English language translation submitted herewith, and/or		
			ace is made to a foreign patent office search report (in the English ge) submitted herewith, and/or		
			ice is made to an English language translation of a foreign patent office report submitted herewith, and/or		

Application Serial No. 10/675,601 - Filed September 29, 2003

		reference is made to the concise explanation contained in the specification of the present application at page(s), and/or
	□ .	reference is made to the concise explanation set forth below:
5.		Applicant also offers the following comments for the Examiner's consideration:
6.		Also enclosed is a copy of a foreign search report citing these references.
7.		The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8.		Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.
	If any	required fees are missing, the Commissioner is authorized to charge said fees to
Meyert 00200/		ood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 501505/5797-
		Respectfully submitted, B. Noël Kivlin
·		Reg. No. 33,929 Attorney for Applicant(s)

Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.

Austin, Texas 78767-0398 Ph: (512) 853-8800 Date: 4-21-0 b

P.O. Box 398

PTO/SB/08A (07-05)

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Substitute for form 1449/PTO Modified	Complet	e if Known
	Application Number	10/675,601
INFORMATION DISCLOSURE	Confirmation No.:	9996 .
	Filing Date:	September 29, 2003
STATEMENT BY APPLICANT	First Named Inventor:	Tod Paulus
(Use as many sheets as necessary)	Art Unit:	2685
	Examiner Name:	Haroon, Adeel
Sheet 1 of 2	Attorney Docket Number:	5797-00200

	U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Number-Kind Code (if known)	Publication Date MM- DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		6,785,529	08/31/2004	Ciccarelli, et al.		
		6,330,290	12/11/2001	Glas, Jack P.		
		6,144,845	11/07/2000	Durec		
		6,137,999	10/24/2000	Lovelace, et al.		
		5,826,180	10/20/1998	Golan, Mordechay		
···		US 2006/0019624	01/26/2006	Suominen		
		US 2005/0070236	03/21/2005	Paulus		
		US 2005/0009483	01/13/2005	. Eilts, et al.		
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	FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages	Check if English	
Initials*	No.1	Country Code-Number-Kind Code (if known)		Cited Document	Or Relevant Figures Appear	Translation is attached	

Examiner	Date Considered	
Signature		
		14 MADED (00 D 11

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. Applicant's unique citation designation number (optional).

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Substitute for form 1449/PTO Modified	Complete if Known	
	Application Number	10/675,601
INFORMATION DISCLOSURE	Confirmation No.:	9996
	Filing Date:	September 29, 2003
STATEMENT BY APPLICANT	First Named Inventor:	Tod Paulus
(Use as many sheets as necessary)	Art Unit:	2685
	Examiner Name:	Haroon, Adeel
Sheet 2 of 2	Attorney Docket Number:	5797-00200

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	No. 1 item (book, magazine, journal, serial, symposium, catalog, etc.), date, (page(s), volume-issue number(s), publisher, city and/or country where published.			
	A1	"Circuit Design for Wireless Communications: Improved Techniques for Image Rejection in Wideband Quadrature Receivers"; Kong-Pang Pun, The Chinese University of Hong Kong; Jose Epifanio da Franco, ChipIdea Microelectronics S.A., Portugal and Carlos Azeredo-Leme, Instituto Superior Tecnico, Lisbon, Portugal; The Kluwer International Series in Engineering and Computer Science 728; April 2003; Hardbound; 217pp. ISBN 1-4020-7415-8.		
	A2	"Analysis of Improved Hartley Image-Reject Receiver by Bandpass Delta-Sigma Modulator"; Tsung-Yuan Chang, Department of Electrical Engineering at the Ohio State University, and Steven B. Bibyk, Department of Electrical Engineering at the Ohio State Engineering; Analog Integrated Circuits and Signal Processing; ©1999 Kluwer Academic Publishers, Boston, Manufactured in The Netherlands.		
	A3	"Adaptive Calibration Methods for an Image-Reject Mixer"; Isaac Sever; Research Project submitted to the Department of Electrical Engineering and Computer Sciences, University of California at Berkeley; pgs. 1-57.		
	A4	"Aero™ I/Aero I+GSM/GPRS Transceiver"; Product Description; Silicon Laboratories, Austin, TX; www.silabs.com.		
·	A5	"Self-Calibrated Image-Reject Mixer"; John Wetherell (Professor Robert Meyer), Qualcomm; http://www.eecs.berkeley.edu/~wetherel .		
	A6	"On-Chip Image Reject Techniques for Wireless Receivers"; Nora Yan; University of Toronto Department of Electrical and Computer Engineering; November 12, 2001.		
•				

Examiner	Date Considered	
Signature		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. ¹Applicant's unique citation designation number (optional).